

Work Order ID 150090

Wednesday, August 24, 2016 11:03:51 AM

150090

Page 1

Item ID: D2397-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Rubber Cushion

Start Date: 8/24/2016 Start Qty: 10.00

10

Cust Item ID:

Required Date: 8/31/2016 Reg'd Qty: 10.00

10

Customer:

Reference:

DAS
21
9-89

Approvals:

Process Plan:

Date:

AUG 24 2016

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D2397

Rev C

100

0.00

100

Small Fab

Small Fab

Memo

0.13

Small Fab

Cut and punch per Dwg D2397 using Template DT 8199 and Punch DT 8200

10

FF

AUG 24 2016

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.03

Quality Control

(10)

DAS
38
9-89

AUG 24 2016

120

Identify as per dwg & Stock Location:

G.A

0.00

120

Packaging

Memo

0.02

Packaging

LOCATION : GA

10

FF

AUG 24 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER :			

Wednesday, August 24, 2016 11:03:51 AM

Item ID: D2397-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Rubber Cushion

Stop

NS2

Start Date: 8/24/2016 **Start Qty:** 10.00

10

Cust Item ID:**Required Date:** 8/31/2016 **Req'd Qty:** 10.00

10

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

**Accept
Qty**

Reject Qty

Reject
Number

**Insp.
Stamp**

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.17

Quality Control

2m 16/08/24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Picklist Print

Wednesday, August 24, 2016 11:04:54 AM

Work Order ID: 150090

150090

Parent Item: D2397-1

D2397-1

Parent Item Name: Rubber Cushion

Start Date: 8/24/2016

Required Date: 8/31/2016

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A98.12.15New IssueDM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MNEO60S.063		Purchased	No				sf	94.9058		0.649			
MNEO60S 063										**			
NEOPRENE SHEET 0.063													

Location

MAT052

M134972

Loc Qty

94.905778

94.905778

Loc Code

0.649

FF

AUG 24 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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		OTHER : _____																							

DART



RELEASED
98.12.14 KE

DESIGN	DRAWN BY	DART AEROSPACE LTD
BW		HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO.
DATE		D2397
98.12.03		TITLE
		RUBBER CUSHION
		SCALE
		2:3
A	95.03.22	NEW ISSUE
B	96.02.16	ADDED D2397-3
C	98.12.03	D2397-3 REDESIGNED; ADDED D2397-5

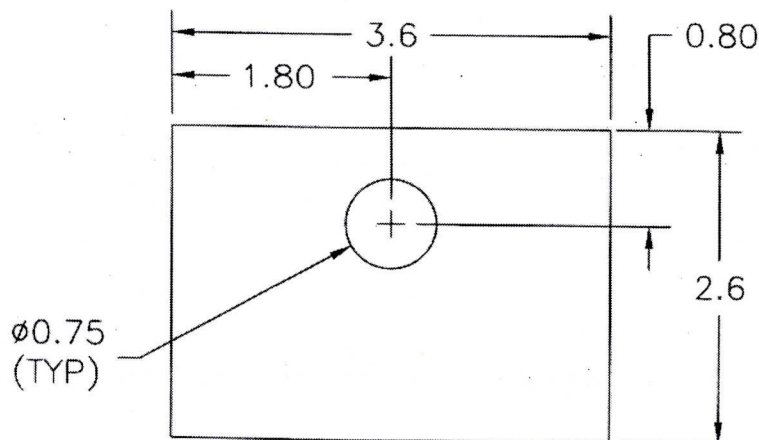
~~SUPERSEDED BY~~

UNDER REVIEW

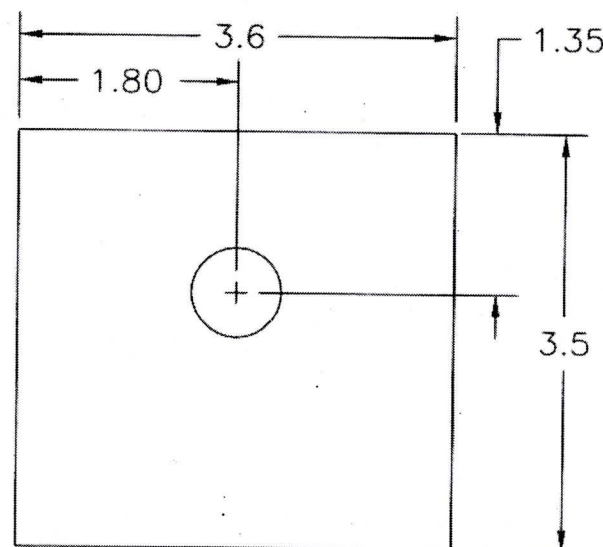
01.03.15 AP

DESIGN OK, BUT CHECK
WITH SR BEFORE
MANUFACTURE

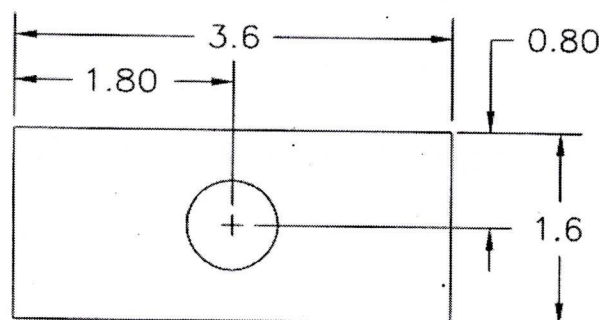
AP 01.03.15



D2397-1
CUT USING DT8199



D2397-5
CUT USING DT8198



D2397-3
CUT USING DT8199

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 150090 MJS

1608-24

MATERIAL: 60 DUROMETER NEOPRENE 1/16" THICK
(POSSIBLE SUPPLIER: ACCURATE RUBBER, P/N 251000002)
TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED